

SECRET

# Westinghouse

ELECTRIC CORPORATION



AIR ARM DIVISION

SAPC 23540

COPY 1 OF 1

*file in TYP Sec  
w/ copy of report*

*2 copies*  
PHONE: LINTHICUM 1800  
FRIENDSHIP INT'L AIRPORT  
BOX 746, BALTIMORE 3, MD.

10 January 1958

*TA-30<sup>34</sup> 25X1*

SUBJECT: Contract TA-3034  
Westinghouse Reference AAD-30465  
Monthly Progress Report #7

In accordance with Item 3 of the subject  
contract, forwarded herewith are three (3) copies of  
Monthly Progress Report #7 on the Terrain Avoidance  
Radar System for the period from 30 November to  
31 December 1957.

Sales Engineer

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YOU CAN BE SURE... IF IT'S Westinghouse

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Encl - 1
SAPC 23540
COPY 1 OF 3

MONTHLY PROGRESS REPORT #7

on the

TERRAIN AVOIDANCE RADAR SYSTEM

For the period from

30 November to 31 DECEMBER 1957

G. O. AAD-30465

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WESTINGHOUSE ELECTRIC CORPORATION

Air Arm Division

P.O. Box 746

Baltimore 3, Maryland

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January 7, 1958

MONTHLY PROGRESS REPORT #7

TERRAIN AVOIDANCE RADAR SYSTEM

PROGRESS FOR THE MONTH OF DECEMBER 1957

Antenna

The experimental parallel plate horn with a curved backwall has been received from the Model Shop. Preliminary tests look promising. Testing of this method of beamshaping will continue.

Receiver-Transmitter

Drafting has completed the layout of this unit. Testing of the breadboard model has been completed.

AFC

Testing of the breadboard AFC has been completed. It was checked and found satisfactory to 15,000 ft. altitude over the temperature range of -55 to +55 degrees C.

Synchronizer

Drafting has completed the layout of the synchronizer.

"E" Scope

Drawings have been completed and released to the Model Shop.

Power Supply

Drafting has completed the layout of this unit. Preparation of detail drawings is now in progress.

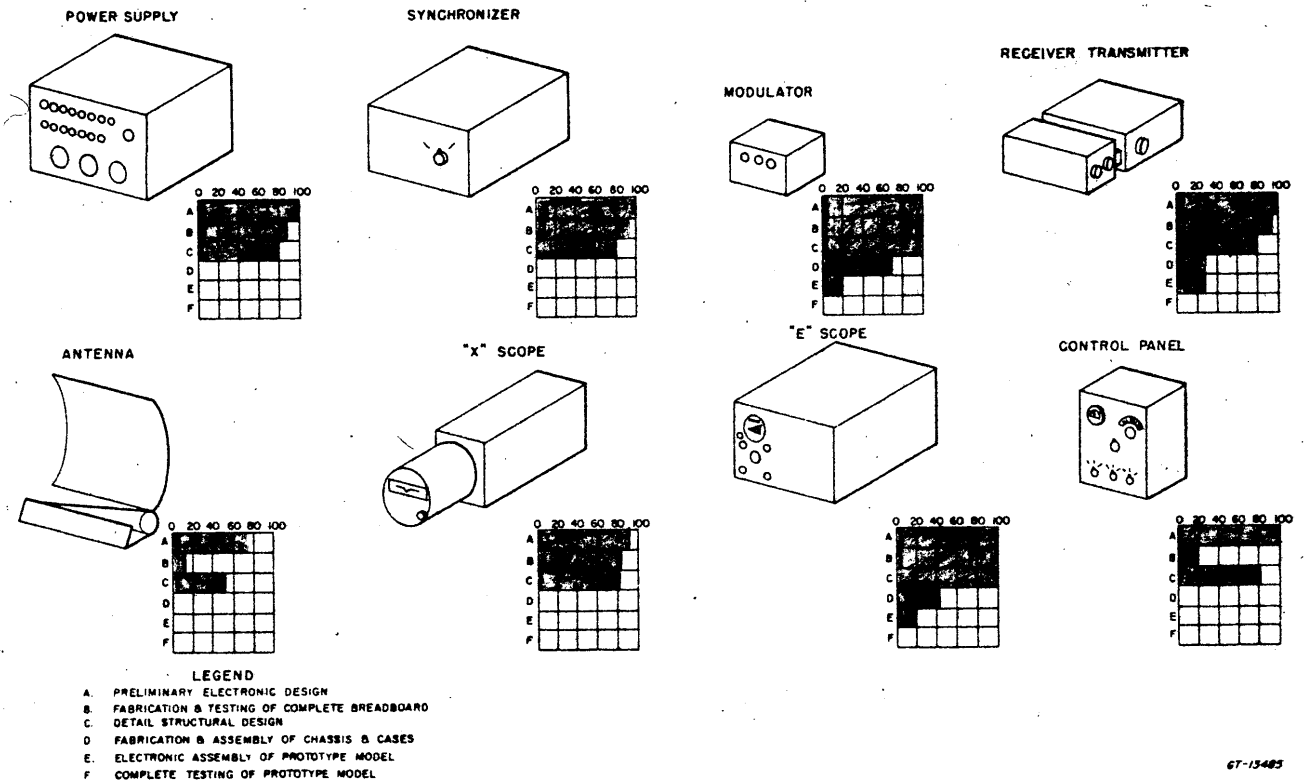
"X" Scope

Drafting has completed the layout and detail drawings are 30% complete. The final specification for the optical system is being written.

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STATUS OF TERRAIN AVOIDANCE RADAR DEC. 31, 1957



GT-15485